

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning at page 6, Paragraph [0030] with the following rewritten paragraph:

-- Transfer of communication signals within a designated frequency band is via the same set of conductors ~~is~~ used for power transmission in the quad embodiment and via the single conductor in the 3+1 embodiment. --

Please replace the paragraph beginning at page 7, Paragraph [0033] with the following rewritten paragraph:

-- a) For the quad: An integrated power and signal cable having four insulated copper conductors in fixed radial position relative to each other along the full length of the cable, as illustrated by the cross-section in FIG. 3. The conductors are operated in pairs as indicated, both with respect to power supply and communications signals. The signals use one conductor in each ~~pair~~ pair, thus using galvanic separated signal conductors with minimum interference of the signal. --